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Directive 056—Errata

November 24, 2009

Energy Development Applications and Schedules

The Energy Resources Conservation Board (ERCB/Board) announces the following corrections to Tables 5.1, 6.1, 6.2, and 7.1 and various sections of the June 2008 edition of *Directive 056: Energy Development Applications and Schedules* in connection with *Bulletin 2009-041*, issued on November 13, 2009.

Table 5.1 Facility category type and consultation and notification requirements

Category	Name	Type	Description	Personal consultation and confirmation of nonobjection	Notification
B	Facilities < 0.01 mol/kmol H_2S in inlet stream	001	Exempt single-well facility (deemed nonroutine with concerns/objections)	• Landowner and occupants • Residents within 0.3 km	• Local authority • Crown disposition holders
	Facilities < 0.01 mol/kmol H_2S in inlet stream	010	Gas processing plant	• Landowner and occupants • Residents within 0.5 km	• Crown disposition holders • Local authority • Landowners, occupants and urban authorities within 1.5 km
		011	Gas fractionation plant		
		020	Gas battery—multiwell		
		030	Oil battery—multiwell		
		031	Bitumen battery—multiwell		
		040	Compressor station		
		070	Oil satellite—multiwell	• Landowner and occupants	• Crown disposition holders
		071	Bitumen satellite—multiwell		
		080	Custom treating facility	• Landowner and occupants • Residents within 0.5 km	• Crown disposition holders • Local authority • Landowners, occupants and urban authorities within 1.5 km
		090	Injection/disposal facility—water	• Landowner and occupants • Residents within 0.5 km	• Crown disposition holders • Local authority • Landowners, occupants and urban authorities within 1.5 km **When $H_2S \geq$ 0.1 mol/kmol:** **- Residents in the EPZ/PAZ**
		091	Injection/disposal facility—EOR		
		200	Straddle plant	• Landowner and occupants • Residents within 0.5 km	Crown disposition holders • Local authority • Landowners, occupants and urban authorities within 1.5 km

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C	Facilities < 1 t/d sulphur inlet	300	Gas processing plant (deemed nonroutine application for new gas plants only)	• Landowner and occupants • Residents within 1.5 km	• Crown disposition holders • Local authorities • Landowners, occupants and urban authorities within 2.0 km **When $H_2S \geq 0.1$ mol/kmol:** **- Residents in the EPZ/PAZ**
		301	Gas fractionation plant		
		302	Straddle plant		
		310	Gas battery—single well		
		311	Gas battery—multiwell		
		320	Oil battery—single well		
		321	Oil battery—multiwell		
		330	Bitumen battery—single well		
		331	Bitumen battery—multiwell		
		340	Compressor station		
		350	Oil satellite—single or multiwell	• Landowner and occupants	• Crown disposition holders **When $H_2S \geq 0.1$ mol/kmol:** **- Residents in the EPZ/PAZ**
		351	Bitumen satellite—single or multiwell		
D	Facilities ≥ 1 t/d sulphur inlet	400	Gas processing plant (deemed nonroutine application for new gas plants only)	• Landowner and occupants • Residents within 1.5 km	• Crown disposition holders • Local authority • Landowners, occupants and urban authorities within 3.0 km **When $H_2S \geq 0.1$ mol/kmol:** **- Residents in the EPZ/PAZ**
		401	Gas fractionation plant		
		410	Gas battery—single well		
		411	Gas battery—multiwell		
		420	Oil battery— single well		
		421	Oil battery—multiwell		
		430	Bitumen battery—single well		
		431	Bitumen battery—multiwell		
		440	Compressor station		
		450	Oil satellite—single or multiwall	• Landowner and occupants	• Crown disposition holders **When $H_2S \geq 0.1$ mol/kmol:** **- Residents in the EPZ/PAZ**
		451	Bitumen satellite—single or multiwell		
E	Sulphur recovery facilities	600	Gas processing plant (deemed nonroutine)	• Landowner and occupants • Residents within 1.5 km	• Crown disposition holders • Local authority • Landowners, occupants and urban authorities within 5.0 km **When $H_2S \geq 0.1$ mol/kmol:** **- Residents in the EPZ/PAZ**

Table 6.1. Pipeline category type and consultation and notification requirements

Category	Name	Type	Description	Personal consultation and Confirmation of nonobjection	Notification
B, C, D	Records correction	000	All		
B	Pipelines, gas ≤ 0.30 kPa H_2S partial pressure (pp)	100	Natural gas ≤ 323.9 mm OD	• Landowners and occupants of the right-of-way	• Crown disposition holders • Local authorities along the right-of-way • Urban authorities within 1.5 km • For Category Type B101, B111 and B121, landowners and occupants within 0.2 km **When H_2S ≥ 0.1 mol/kmol:** **- Residents in the EPZ/PAZ**
		101	Natural gas > 323.9 mm OD		
	Pipelines, oil effluent ≤ 0.30 kPa H_2S pp or effective pp*	110	Oil effluent ≤ 323.9 mm OD		
		111	Oil effluent > 323.9 mm OD		
	Pipelines, other (gas-free)	120	Other ≤ 323.9 mm OD		
		121	Other > 323.9 mm OD		
	Pipeline downstream facilities	130	Pipeline tank farm	• Landowner and occupants • Residents within 0.5 km	• Crown disposition holders • Local authorities • Landowners, occupants and urban authorities within 1.5 km **When H_2S ≥ 0.1 mol/kmol:** **- Residents in the EPZ/PAZ**
		131	Pipeline oil loading or unloading terminal		
		132	Compressor station		
		133	Pump station		
C	Pipelines, gas > 0.30 kPa H_2S pp but ≤ 10 mol/kmol	380	Sour service natural gas ≤ 323.9 mm OD	• Landowners and occupants of the right-of-way	• Crown disposition holders • Local authorities along the right-of-way • Urban authorities within 1.5 km • For Category Type C381 and C383, landowners and occupants within 0.2 km **When H_2S ≥ 0.1 mol/kmol:** **- Residents in the EPZ/PAZ**
		381	Sour service natural gas > 323.9 mm OD		
	Pipelines, oil effluent > 0.30 kPa H_2S pp or effective pp*	382	Sour service oil effluent ≤ 323.9 mm OD		
		383	Sour service oil effluent > 323.9 mm OD		
	Pipeline upstream facilities	384	Pipeline line heater	• Landowner and occupants	• Crown disposition holders **When H_2S ≥ 0.1 mol/kmol:** **- Residents in the EPZ/PAZ**

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* A release volume must be calculated for all oil effluent pipelines containing greater than 10 mol/kmol H_2S. Applications for these pipelines must meet the personal consultation/confirmation of nonobjection and notification requirements for Category D pipelines based on the level designation of the pipeline proposed (as defined by Table 6.3).

D	Pipelines, gas > 10 mol/kmol H_2S	452	Level 1 natural gas ≤ 323.9 mm OD	• Landowners and occupants of the right-of-way	• Crown disposition holders • Local authorities along the right-of-way • Landowners, occupants and residents within 0.5 km • Urban authorities within 1.5 km **When $H_2S \geq$ 0.1 mol/kmol:** **- Residents in the EPZ/PAZ)**
		453	Level 1 natural gas > 323.9 mm OD		
	Pipelines, gas > 10 mol/kmol H_2S	454	Level 2 natural gas ≤ 323.9 mm OD	• Landowners and occupants of the right-of-way and within 0.1 km setback	• Crown disposition holders • Local authorities along the right-of-way • Landowners, occupants, and residents within 0.5 km • Urban authorities within 2.0 km **When $H_2S \geq$ 0.1 mol/kmol:** **- Residents in the EPZ/PAZ**
		455	Level 2 natural gas > 323.9 mm OD		
		461	Level 3 natural gas ≤ 323.9 mm OD	• Landowners and occupants of the right-of-way and within 0.1 km setback	• Crown disposition holders • Local authorities along the right-of-way • Landowners, occupants, and residents within 1.5 km • Urban authorities within 3.0 km **When $H_2S \geq$ 0.1 mol/kmol:** **- Residents in the EPZ/PAZ**
		462	Level 3 natural gas > 323.9 mm OD		
		463	Level 4 natural gas ≤ 323.9 mm OD	• Landowners and occupants of the right-of-way and within 0.1 km setback	• Same as Level 3 unless otherwise specified by ERCB
		464	Level 4 natural gas > 323.9 mm OD		
	HVP pipelines	530	HVP pipelines	• Landowners and occupants of the right-of-way	• Crown disposition holders • Local authorities along the right-of-way • Landowners, occupants, and residents within 0.2 km • Urban authorities within 1.5 km
	Pipeline upstream facilities	531	Pipeline line heater	• Landowners and occupants	• Crown disposition holders **When $H_2S \geq$ 0.1 mol/kmol:** **- Residents in the EPZ/PAZ**

Table 6.2 Licence Amendment requirements for pipeline/pipeline installations activities		
Activity	**Participant Involvement**	**Application**
Complete removal (including all crossings)	Notification must occur prior to the filing of an application and the removal operation and must include • landowners and occupants of the entire pipeline right-of-way and within the associated setbacks, and • residents within the distances specified in Table 6.1 for Category D pipelines.	Application deemed nonroutine; licence must be obtained before commencing the removal operation.
Not constructed	Notification must be provided to • landowners and occupants of the entire pipeline right-of-way and within the associated setbacks, and • residents within the distances specified in Table 6.1 for Category D pipelines.	Application is filed routine 30 days prior to expiry of pipeline licence.
Abandonment or partial removal	Notification must occur prior to the abandonment or partial removal operation and must include • landowners and occupants of the entire pipeline right-of-way and within the associated setbacks, and • residents within the distances specified in Table 6.1 for Category D pipelines.	Application is filed within 90 days of completing the abandonment operation to advise the ERCB of the abandonment. Licence must be obtained before commencing removal operations.
Discontinuation	Notification is not mandatory for discontinuations.	Application is filed within 90 days of completing the discontinuation operation to advise the ERCB of the discontinuation.
H_2S change, MOP change, substance change, flow reversal, line split	Notification is not mandatory for these activities. If any of these activities result in the pipeline changing to a Category D or the setbacks increase, personal consultation with nonobjection and notification must occur prior to the filing of an application and commencing operations. This must include • landowners and occupants of the entire pipeline right-of-way and within the associated setbacks, and • residents within the distances specified in Table 6.1 for Category D pipelines. If any of these activities result in a setback decrease or the setback no longer exists, notification must occur with landowners and occupants of the entire pipeline right-of-way and within the associated setbacks. **When the EPZ is affected by the proposed amendment, notification to residents in the EPZ/PAZ must occur prior to the filing of the application.**	Licence must be obtained prior to commencing operations.
Resumption of discontinued pipeline	Notification is not mandatory for resumption of a discontinued pipeline. If other activities are conducted in conjunction with the resumption that result in the pipeline changing to a Category D or the setbacks increase, personal consultation with nonobjection and notification is required prior to filing of application and commencing operation. This must include • landowners and occupants of the entire pipeline right-of-way and within the associated setbacks, and • residents within the distances specified in Table 6.1 for Category D pipelines. **When the EPZ is affected by the proposed amendment, notification to residents in the EPZ/PAZ must occur prior to the filing of the application.**	Licence must be obtained before commencing resumption operations.

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Table 6.2 Licence Amendment requirements for pipeline/pipeline installations activities		
Resumption of abandoned pipeline/pipeline installations	Personal consultation with confirmation of nonobjection and notification must occur prior to the filing of application and resumption of operation and must include • landowners and occupants of the entire pipeline right-of-way and within the associated setbacks, and • residents within the distances specified in Table 6.1 for Category D pipelines. **When the EPZ is affected by the proposed amendment, notification to residents in the EPZ/PAZ must occur prior to the filing of the application.**	Application deemed nonroutine; licence must be obtained before commencing operations (comprehensive engineering assessment required).
Liner installation	Notification is not mandatory for liner installations.	Licence must be obtained prior to commencing liner installation.

Table 7.1. Well category type and consultation and notification requirements					
Category	**Name**	**Type**	**Description**	**Personal consultation and confirmation of nonobjection**	**Notification**
B	Wells 0.00 mol/kmol H_2S	140	Single well	• Landowners and occupants with regard to well-site location • Landowners and occupants with regard to well-site access • Residents within 0.2 km • Residents within 0.3 km, if single oil wells with 0.0 mol/kmol H_2S and continuous flaring	• Crown disposition holders • Local authorities • Freehold coal rights owner or coal rights lessee • Landowners within 0.1 km • Urban authorities within 1.5 km • Unlighted airports within 1.6 km • Lighted airports within 5 km
		141	Commercial or source water well		
		150	Multiwell pad		
C	Wells >0.00 mol/kmol H_2S <0.01 m^3/s H_2S release rate	280	Single well	• Landowners and occupants with regard to well-site location • Landowners and occupants with regard to well-site access • Landowners within 0.1 km with regard to setbacks • Residents within 0.2 km or the **EPZ/PAZ** radius, whichever is greater	• Crown disposition holders • Local authorities • Freehold coal rights owner or coal rights lessee • Urban authorities within 1.5 km • Unlighted airports within 1.6 km • Lighted airports within 5 km
		290	Multiwell pad		
	Wells ≥ 0.01 m^3/s but < 0.3 m^3/s H_2S release rate	360	Single well		
		370	Multiwell pad		
D	Wells ≥ 0.3 m^3/s but < 2.0 m^3/s H_2S release rate	570	Single well	• Landowners and occupants with regard to well-site location • Landowners and occupants with regard to well-site access • Landowners within 0.5 km with regard to setbacks • Residents within 0.2 km or the **EPZ/PAZ** radius, whichever is greater	• Crown disposition holders • Local authorities • Freehold coal rights owner or coal rights lessee • Urban authorities within 1.5 km • Unlighted airports within 1.6 km • Lighted airports within 5 km
E	Wells ≥ 2.0 m^3/s H_2S release rate (deemed nonroutine)	610	Single well	• Landowners and occupants with regard to well-site location • Landowners and occupants with regard to well-site access • Landowners within 1.5 km with regard to setbacks • Residents, local authorities, and urban authorities within the **EPZ/PAZ**	• Crown disposition holders • Freehold coal rights owner or coal rights lessee • Unlighted airports within 1.6 km • Lighted airports within 5 km

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Table 7.1. Well category type and consultation and notification requirements					
Category	**Name**	**Type**	**Description**	**Personal consultation and confirmation of nonobjection**	**Notification**
E	Wells ≥ 0.01 but < 0.1 m^3/s release rate and within 0.5 km of urban centre (deemed nonroutine)	620	Proximity critical well	• Landowners and occupants with regard to well-site location • Landowners and occupants with regard to well-site access • Landowners within 0.1 km with regard to setbacks • Residents and local authorities within 0.2 km or the **EPZ/PAZ** radius, whichever is greater • Urban authorities within 1.5 km	• Crown disposition holders • Freehold coal rights owner or coal rights lessee • Unlighted airports within 1.6 km • Lighted airports within 5 km
	Wells ≥ 0.1 but < 0.3 m^3/s release rate and within 1.5 km of urban centre (deemed nonroutine)	621	Proximity critical well	• Landowners and occupants with regard to well-site location • Landowners and occupants with regard to well-site access • Landowners within 0.1 km with regard to setbacks • Residents and local authorities within 0.2 km or the **EPZ/PAZ** radius, whichever is greater • Urban authorities within 1.5 km	• Crown disposition holders • Freehold coal rights owner or coal rights lessee • Unlighted airports within 1.6 km • Lighted airports within 5 km
	Wells ≥ 0.3 but < 2.0 m^3/s release rate and well is within 5.0 km of urban centre (deemed nonroutine)	622	Proximity critical well	• Landowners and occupants with regard to well-site location • Landowners and occupants with regard to well-site access • Landowners within 0.5 km with regard to setbacks • Residents and local authorities within 0.2 km or the **EPZ/PAZ** radius, whichever is greater • Urban authorities within 5.0 km	• Crown disposition holders • Freehold coal rights owner or coal rights lessee • Unlighted airports within 1.6 km • Lighted airports within 5 km

Summary of text changes:

***Directive 056* Reference (page and Section number)**	**Formerly read**	**As corrected reads**
Page 2-2, Section 2.2.1 (3)	(3) The applicant must include all parties whose rights may be directly and adversely affected. This includes parties with a direct interest in land, such as landowners, residents, occupants, other affected industry players, local authorities, municipalities, and other parties who have a right to conduct an activity on the land, such as Crown disposition holders	(3) The applicant must include all parties with a direct interest in land, such as landowners, residents, occupants, other affected industry players, local authorities, municipalities, and other parties who have a right to conduct an activity on the land, such as Crown disposition holders
Page 2-6, Section 2.3.1 (25)	(25) The applicant must provide information packages to those persons whose rights may be directly and adversely affected, as set out in Tables 5.1, 6.1, 6.2, and 7.1, and be prepared to discuss the project as necessary	(25) The applicant must provide information packages to those persons set out in Tables 5.1, 6.1, 6.2, and 7.1 and be prepared to discuss the project as necessary

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Page 2-8, Section 2.3.2.1	*Directive 056* requires applicants to notify all potentially directly and adversely affected parties. In some instances landowners and residents may be away for extended periods, such as on vacation, or they may reside out of the province	In some instances, landowners and residents who are part of the participant involvement program may be away for extended periods, such as on vacation, or they may reside out of the province
Page 3-4, Section 3.3 (5)	(5) The applicant/licensee is expected to maintain an ongoing dialogue with potentially directly and adversely affected parties during the life of the project	(5) The applicant/licensee is expected to maintain an ongoing dialogue with members of the participant involvement program during the life of the project
Page 5-7, Section 5.8 (17)	(17) The applicant must provide information packages to those persons whose rights may be directly and adversely affected, as set out in Table 5.1, and be prepared to discuss the project as necessary	(17) The applicant must provide information packages to those persons set out in Table 5.1 and be prepared to discuss the project as necessary.
Page 5-8, Section 5.8 (20)(a)	(20)(a) The ERCB does not prescribe the area the applicant must investigate; however, the applicant is expected to consider investigation parameters similar to those in Table 5.4. (b) The applicant is expected to discuss the proposal with licensees of facilities that may potentially be directly and adversely affected.	(20)(a) The ERCB does not prescribe the area the applicant must investigate. However, the applicant is expected to consider investigation parameters similar to those in Table 5.4 and to discuss the proposal with licensees of similar facilities. (b) deleted
Page 6-8, Section 6.8 (14)	(14) The applicant must provide information packages to those persons whose rights may be directly and adversely affected, as set out in Table 6.1 and Table 6.2, and be prepared to discuss the project as necessary	(14) The applicant must provide information packages to those persons set out in Table 6.1 and Table 6.2 and be prepared to discuss the project as necessary
Page 6-9, Section 6.8 (16)	(16) The ERCB does not prescribe the geographical area the applicant must investigate for industry notification. However, the applicant is expected to discuss the proposal with licensees of similar pipelines that may potentially be directly and adversely affected by the application. (a) The applicant is expected to provide interested or potentially directly and adversely affected oil and gas reserve owners and licensees with a written overview of the proposed pipeline. The onus is then on these parties to raise any concerns/objections to the proposal. The ERCB expects this contact to precede public consultation and notification	(16) The ERCB does not prescribe the geographical area the applicant must investigate for industry notification. However, the applicant is expected to discuss the proposal with licensees of similar pipelines. (a) The applicant is expected to provide interested oil and gas reserve owners and licensees with a written overview of the proposed pipeline. The onus is then on these parties to raise any concerns/objections to the proposal. The ERCB expects this contact to precede public consultation and notification.
Page 6-11, Section 6.9.6 (28)(a)	(28)(a) conduct notification with potentially directly and adversely affected parties along the entire pipeline right-of-way and those affected by setbacks prior to any abandonment procedures (see Table 6.2)	(28)(a) conduct notification with parties along the entire pipeline right-of-way and those affected by setbacks prior to any abandonment procedures (see Table 6.2)

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Page 6-11, Section 6.9.7 (29)(a)	(29)(a) conduct notification with potentially directly and adversely affected parties along the pipeline right-of-way and associated setbacks (see Table 6.2)	(29)(a) conduct notification with parties along the pipeline right-of-way and associated setbacks (see Table 6.2)
Page 6-12, Section 6.9.8 (32)(a)	(32)(a) compliance with personal consultation, confirmation of nonobjection, and notification requirements for all potentially directly and adversely affected parties along the entire pipeline right-of-way and those affected by setbacks (see Table 6.2)	(32)(a) compliance with personal consultation, confirmation of nonobjection, and notification requirements for all parties along the entire pipeline right-of-way and those affected by setbacks (see Table 6.2)
Page 6-12, Section 6.9.9 (33)(a)	(33)(a) conduct notification with potentially directly and adversely affected parties along the pipeline right-of-way and associated setbacks (see Table 6.2), and	(33)(a) conduct notification with parties along the pipeline right-of-way and associated setbacks (see Table 6.2), and
Page 6-19, Section 6.9.23 (58)	(58) When applying for a pipeline installation, the applicant must fulfill personal consultation, confirmation of nonobjection, and notification requirements for potentially directly and adversely affected parties in accordance with Table 6.1	(58) When applying for a pipeline installation, the applicant must fulfill personal consultation, confirmation of nonobjection, and notification requirements for parties in accordance with Table 6.1
Page 6-36, Table 6.5, Step 10, Question 1a	If this pipeline was abandoned, documentation that demonstrates compliance with participant involvement requirements for all directly affected parties along the entire right-of-way and those affected by setbacks	If this pipeline was abandoned, documentation that demonstrates compliance with participant involvement requirements for all parties along the entire right-of-way and those affected by setbacks
Page 6-52, Step 10, Question 1a	If the pipeline is abandoned, you must attach documentation that demonstrates personal consultation, confirmation of nonobjection, and that notification requirements have been met for all directly affected parties along the entire right-of-way and those affected by the setbacks	If the pipeline is abandoned, you must attach documentation that demonstrates personal consultation, confirmation of nonobjection, and that notification requirements have been met for all parties along the entire right-of-way and those affected by the setbacks
Page 7-5, Section 7.9 (18)	(18) The applicant must provide information packages to those persons whose rights may be directly and adversely affected, as set out in Table 7.1, and be prepared to discuss the project as necessary.	(18) The applicant must provide information packages to those persons set out in Table 7.1 and be prepared to discuss the project as necessary
Appendix 3: Definitions for the Purposes of Directive 056	**Emergency planning zone (EPZ)**: An area surrounding a facility, pipeline, or well where residents or other members of the public may be at highest risk during the early stages of an incident such as an uncontrolled release of toxic materials (e.g., H_2S), an explosion, or a fire and the area for which the operator must have a specific emergency response plan.	**Emergency planning zone (EPZ)**: A geographical area surrounding a well, pipeline, or facility containing hazardous product that requires specific emergency response planning by the licensee.

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Appendix 3: Definitions for the Purposes of Directive 056 (continued)	**Minimum information requirements:** The project-specific details that an applicant must provide to all potentially directly and adversely affected parties in accordance with the participant involvement guidelines.	**Minimum information requirements:** The project-specific details that an applicant must provide to all parties in accordance with the participant involvement guidelines.
	Nonobjection: The potentially directly and adversely affected party has been personally consulted or notified of the project, has fully understood the details, has no outstanding concerns or objections, and does not oppose the ERCB issuing a licence for the proposed energy development.	**Nonobjection:** The party has been personally consulted or notified of the project, has fully understood the details, has no outstanding concerns or objections, and does not oppose the ERCB issuing a licence for the proposed energy development.
	Notification: The distribution of project-specific information to participants that may be directly and adversely affected by the proposed energy development.	**Notification:** The distribution of project-specific information to participants.
	Public facility: A public building, such as a hospital, rural school, or a major recreational facility, situated outside of an urban centre.	**Public facility:** A public building, such as a hospital, rural school, or major recreational facility, situated outside of an urban centre that can accommodate more than 50 individuals and/or that requires additional transportation to be provided during an evacuation.
	Publicly used facility: Places where the presence of people can be anticipated, e.g., places of business, campgrounds, cottages, churches, and other locations created for the use of the public.	**Publicly used development:** Places where the presence of 50 individuals or fewer can be anticipated (e.g., places of business, campgrounds, cottages, churches, and other locations created for the use by the nonresident public).